

### Abstract of the Disclosure

An improved color-image error diffusion process for use in conjunction with the operation of a multi-level, halftone, color-image output device. This process involves, first, performing output-device-dependent color error diffusion on color-image input data  
5 utilizing a halftone, output-device-dependent color palette containing output-device-dependent output color values. Thereafter, and with respect to the selection for pixel outputting of a pixel utilizing one of the output colors in the palette, and in relation to infeeding of that pixel to the output device for outputting, the process features applying a predetermined, dot-gain correction curve which corrects the infeed intensity value of the  
10 pixel in accordance with (a) the selected output color for the pixel, and (b) assessment of the pixel in terms of its association with a predetermined neighborhood pattern of adjacent pixels.